

## REMARKS

Claims 1, 6, 20-22, 24-25, 60-61, 64-74-92 are pending. Claims 1, 6, 64-66, 71, 73, 75-78, and 82 are amended. Claims 2-5, 7-19, 23, 26-33, 59, and 62-63 are hereby cancelled and claims 34-58 are withdrawn as directed to a non-elected invention. New claims 93-100 are hereby added. No new matter is added by this amendment.

The Examiner has rejected claims 1, 3-4, 6-8, 14-22, 24-25, and 60-63 under 35 U.S.C. § 112, first paragraph for allegedly failing to comply with the written description and purportedly for introducing new matter. In addition to the arguments put forth in Applicant's response of March 8, 2004, Applicant hereby incorporates limitations, as suggested by the Examiner in the interview. Support for this limitation is found at least in Figures 1 and 6 and at page 3, line 9 to page 4, line 5. In complying with Examiner's request, Applicant believes the claims dependent on amended claim 1 and amended claim 1 are in proper form for allowance. In addition, the composition of claim 1 is also rewritten as new claim 94 as a product by process claim, as per the suggestion of Examiners Yaen and Nikol. Support for claim 94 and its dependent claims are found at least on pages 10-11 of the specification. For these reasons, Applicant respectfully requests that the Examiner withdraw this rejection.

The Examiner has rejected claims 1, 14-21 and 60-63 under 35 U.S.C. § 102(b) for anticipation by Lu *et al.* In addition to the arguments previously presented in Applicant's response of March 8, 2004, Applicant respectfully requests that this rejection be withdrawn because the new limitation to claim 1 is not found anywhere in Lu *et al.* Lu *et al.* does not describe lymphocytes in which at least a subpopulation of cytotoxic lymphocytes express one or

more members of a cell surface receptor family which binds at least heat shock protein 47. In light of the arguments presented in the response of March 8, 2004, the interview of April 22, 2004 and in this supplemental amendment, Applicant respectfully request that the rejection based on 35 U.S.C. § 102(b) be withdrawn.

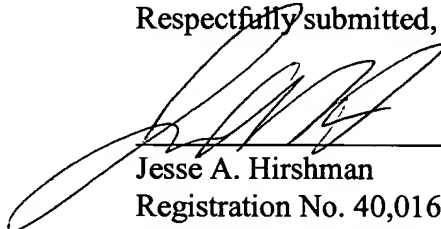
Claims 64-92 were newly added in Applicant's response mailed on March 8, 2004. For reference, support for these claims are found in the as-filed specification as follows:

1. support for claims 64 and 65 are found at least on page 30, lines 11-29; page 4, lines 6-17 and Figure 6;
2. support for claim 66 is found at least at page 12, lines 18-29 and page 2, lines 25 to page 3 line 2;
3. support for claim 67 is found at least on page 2, lines 25 to page 3 line 2;
4. support for claim 68 is found at least at page 5, lines 3-5;
5. support for claim 69 is found at least at page 5, lines 5-7;
6. support for claim 70 is found at least at page 5, lines 7-11;
7. support for claim 71 is found at least at page 8, line 5;
8. support for claims 72 and 73 are found at least at page 11, line 23 to page 12, line 6;
9. support for claim 74 is found at least at page 21, line 27 to page 22, line 3; page 24; lines 1-2, and 14-23;
10. support for claim 75 is found at least at page 3, line 9 to page 4, line; page 32;
11. support for claims 76-80 are found at least on page 5;
12. support for claims 81-83 are found at least on page 6, lines 1-8 and page 11, lines 21-22; and
13. support for claims 84-92 are found at least on page 6, lines 9-13.

Product by process claims 94-100 are hereby added per Applicant's discussion at the interview. Support for these claims can be found at least at page 9, line 15 to page 12, line 16. Claim 93 is the prior methods-based limitation from claim 1 rewritten in dependent form. Applicant, hereby amends claims 75-78 for clarity, no new matter is added. Lastly, applicant hereby amends claims 6, 64, 66, 71 and 82 to correct certain grammatical errors.

Applicant believes that claims have now been placed in condition for allowance. Applicants respectfully request allowance of claims 1, 6, 20-22, 24-25, 60-61, 64-100. Applicant also requests that the Examiner call Dr. Judith Hom at (415) 249-1084 or the undersigned to discuss any additional questions or concerns with respect to the above-referenced patent application.

Respectfully submitted,



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